BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

BBMP/2023-24/OW/WORK_INDENT1990

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

lo:EE/YNK-D/E-PMT/10/2023-24 Dated: 03-02-202

APPROVED TENDER SCHEDULE - B

Item-02

Name of Work:-Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Annthapura Village Areas in Attur Ward No.03 of Yelahanka Satellite Town Sub Division

Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.PRADEEPA K A	
				Rate	Rate in words
1	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S. by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground	Each	4.00	5989.56	Five Thousand Nine Hundred EightyNine Paise FiftySix Only
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) as per the Directions of Egineer In-Charge. a) 0.00 to 50.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00	419.09	Four Hundred Nineteen Paise Nine Only
3	b) 50.00 to 100.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00	525.56	Five Hundred TwentyFive Paise FiftySix Only
4	c) 100.00 to 150.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00	558.41	Five Hundred FiftyEight Paise FourtyOne Only
5	d) 150.00 to 200.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00	647.89	Six Hundred FourtySeven Paise EightyNine Only
6	e) 200.00 to 250.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00	760.02	Seven Hundred Sixty Paise Two Only
7	f) 250.00 to 300.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	200.00	838.18	Eight Hundred ThirtyEight Paise Eighteen Only

	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.PRADEEPA K A	
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8	g)300.00 to 350.00 mtrs as per the Directions of Egineer In-Charge.	Rmtr	60.00	983.16	Nine Hundred EightyThree Paise Sixteen Only
9	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty as per the Directions of Egineer In-Charge.	Rmtr	300.00	2189.45	Two Thousand One Hundred EightyNine Paise FourtyFive Only
10	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work. For 12.50 HP - 90 LPM @ 264 m = 24 STG Outlet Dia - 2.00" as per the Directions of Egineer In-Charge.	Nos	4.00	72635.86	SeventyTwo Thousand Six Hundred ThirtyFive Paise EightySix Only
11	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm as per the Directions of Egineer In-Charge.	Rmtr	2400.00	252.28	Two Hundred FiftyTwo Paise TwentyEight Only
12	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia as per the Directions of Egineer In-Charge.	Each	4.00	1415.84	One Thousand Four Hundred Fifteen Paise EightyFour Only
13	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm as per the Directions of Egineer In-Charge.	Nos	4.00	1415.84	One Thousand Four Hundred Fifteen Paise EightyFour Only
14	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Nos	4.00	302.42	Three Hundred Two Paise FourtyTwo Only
15	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia as per the Directions of Egineer In-Charge.	Rmtr	1040.00	500.64	Five Hundred Paise SixtyFour Only
16	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	4.00	302.42	Three Hundred Two Paise FourtyTwo Only

	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.PRADEEPA K A	
				Rate	Rate in words
17	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: I No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type NOTE: 1) DOL- Direct Online Starter 2) S-D- Star Delta Starter etc. complete.6 to 15 HP pumps as per the Directions of Egineer In-Charge.	Each	4.00	18009.45	Eighteen Thousand Nine Paise FourtyFive Only
18	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work as per the Directions of Egineer In-Charge.	Job	4.00	7362.36	Seven Thousand Three Hundred SixtyTwo Paise ThirtySix Only
19	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5" as per the Directions of Egineer In-Charge.	Each	4.00	335.82	Three Hundred ThirtyFive Paise EightyTwo Only
20	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work as per the Directions of Egineer In-Charge.	Job	4.00	1642.37	One Thousand Six Hundred FourtyTwo Paise ThirtySeven Only
21	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia as per the Directions of Egineer In-Charge.	Job	4.00	3614.25	Three Thousand Six Hundred Fourteen Paise TwentyFive Only
22	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 as per the Directions of Egineer In-Charge.	Each	4.00	3179.71	Three Thousand One Hundred SeventyNine Paise SeventyOne Only
23	Supply and delivery at site brand new best make starter/ control panel suitable for following HP centrifugal pump confirming with ISI mark and its latest amendments. 10 to 12 HP centrifugal pump as per the Directions of Egineer In-Charge.	Each	4.00	40379.69	Fourty Thousand Three Hundred SeventyNine Paise SixtyNine Only
24	Yield testing of borewells at final depth with a minimum of 10 hours continuously with the help of pump testing unit including the cost of transportation charges, crew charges and cost of consumables as per the Directions of Egineer In-Charge.	Each	4.00	18469.32	Eighteen Thousand Four Hundred SixtyNine Paise ThirtyTwo Only
25	Supplying of TPST with rewirable porcelain channels in SM enclosure. Made out of 14 SWG powder coated paint of approved colour. 32A as per the Directions of Egineer In-Charge.	Nos	4.00	1751.52	One Thousand Seven Hundred FiftyOne Paise FiftyTwo Only
26	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC Group 'A' as per the Directions of Egineer In-Charge.	Nos	12.00	530.30	Five Hundred Thirty Paise Thirty Only

	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.PRADEEPA K A	
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27	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers as per the Directions of Egineer In-Charge.	Each	24.00	412.91	Four Hundred Twelve Paise NinetyOne Only
28	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm as per the Directions of Egineer In-Charge. (Per leg 2. 5MtrX2 Nos legs)-5.00 Mtr Per Box	Rmtr	20.00	314.06	Three Hundred Fourteen Paise Six Only
29	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, Above 12.5 HP upto 25 HP as per the Directions of Egineer In-Charge.	Nos	4.00	9024.29	Nine Thousand TwentyFour Paise TwentyNine Only
30	Providing, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. complete. NOTE: Upto 110mm dia Coil shall be used. For :HDPE PE 80 PN 6.0 HDPE Grade PE80-PN6.0, 63mm dia	Mtr	300.00	214.07	Two Hundred Fourteen Paise Seven Only
31	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) as per the Directions of Egineer In-Charge.For all types of submersible pumpsets above 7.0 HP and upto 7.5H.P as per the Directions of Egineer In-Charge.	Nos	1.00	46224.26	FourtySix Thousand Two Hundred TwentyFour Paise TwentySix Only
32	For 15.00 HP - 120 LPM @ 266 m =23 STG outlet dia-2mm	Nos	1.00	78543.87	SeventyEight Thousand Five Hundred FourtyThree Paise EightySeven Only
33	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc.(with guarantee period not less than 6 months) for For all types of submersible pumpsets above 7.0 HP and upto 7.5H.P	Nos	5.00	4348.32	Four Thousand Three Hundred FourtyEight Paise ThirtyTwo Only
34	For all types of submersible pumpsets above 10 HP and upto 11 H.P as per the Directions of Egineer In-Charge.	Nos	5.00	5954.45	Five Thousand Nine Hundred FiftyFour Paise FourtyFive Only
35	For all types of submersible pumpsets above 12 HP and upto 13 H.Pas per the Directions of Egineer In-Charge.	Nos	5.00	6776.76	Six Thousand Seven Hundred SeventySix Paise SeventySix Only

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36	Replace the components of submersible pump sets, requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc.(with gurantee of period not less than 1 year) for: The bowls of same type and make as per the Directions of Egineer In-Charge. as per the Directions of Egineer In-Charge.	Each	15.00	1699.01	One Thousand Six Hundred NinetyNine Paise One Only
37	The Intermediate piece (IP) with IP leaded bronze brush as per the Directions of Egineer In-Charge.	Each	15.00	1189.30	One Thousand One Hundred EightyNine Paise Thirty Only
38	The Oil Seal as per the Directions of Egineer In-Charge.	Each	15.00	396.43	Three Hundred NinetySix Paise FourtyThree Only
39	The Oil Seal.and steel bush as per the Directions of Egineer In-Charge.	Each	15.00	283.17	Two Hundred EightyThree Paise Seventeen Only
40	The Guide Vane as per the Directions of Egineer In-Charge.	Each	15.00	792.87	Seven Hundred NinetyTwo Paise EightySeven Only
41	The Impeller (Shell moulded with aluminium and bronze.) as per the Directions of Egineer In-Charge.	Each	15.00	1699.01	One Thousand Six Hundred NinetyNine Paise One Only
42	The discharge outlet (DO) bearing DO steel brush DO bearing as per the Directions of Egineer In-Charge.	Each	15.00	2321.97	Two Thousand Three Hundred TwentyOne Paise NinetySeven Only
43	The steel bearing bush (DO steel bush) as per the Directions of Egineer In-Charge.	Each	15.00	453.07	Four Hundred . FiftyThree Paise Seven Only
44	The allen screw as per the Directions of Egineer In-Charge.	Each	15.00	1359.20	One Thousand Three Hundred FiftyNine Paise Twenty Only
45	The pump shaft made out of stainless steel counterless ground with key way (upto 8 stages). Extra for Each stage @ Rs.40/-. as per the Directions of Egineer In-Charge.	Each	15.00	1699.01	One Thousand Six Hundred NinetyNine Paise One Only
46	Pump key (stainless steel) as per the Directions of Egineer In-Charge.	Each	15.00	736.24	Seven Hundred ThirtySix Paise TwentyFour Only
47	Pump coupling (stainless steel) as per the Directions of Egineer In-Charge.	Each	15.00	1699.01	One Thousand Six Hundred NinetyNine Paise One Only
48	Non-return valve (NRV) assembly complete with rubber 'O' ring as per the Directions of Egineer In-Charge.	Each	15.00	736.24	Seven Hundred ThirtySix Paise TwentyFour Only
49	Cable Guad as per the Directions of Egineer In-Charge.	Each	15.00	396.43	Three Hundred NinetySix Paise FourtyThree Only
50	Strainer as per the Directions of Egineer In-Charge.	Each	15.00	509.70	Five Hundred Nine Paise Seventy Only
51	Brass filter as per the Directions of Egineer In-Charge.	Each	15.00	1189.30	One Thousand One Hundred EightyNine Paise Thirty Only
52	The Labour Charges for overhauling of the pump set as per the Directions of Egineer In-Charge.	Each	15.00	1019.40	One Thousand Nineteen Paise Fourty Only

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53	C.Replacement of Motor parts Replace the components of motor parts of submersible pump sets, items requiring replacements decided by the departmental officials, with respective make of damaged ones, including all materials, labour, equipments and testing etc and wtih guarantee/warranty for one year for:Upper Flange as per the Directions of Egineer In-Charge.	Each	15.00	736.24	Seven Hundred ThirtySix Paise TwentyFour Only
54	Lower Flange as per the Directions of Egineer In-Charge.	Each	15.00	736.24	Seven Hundred ThirtySix Paise TwentyFour Only
55	Lower Housing as per the Directions of Egineer In-Charge.	Each	15.00	1359.20	One Thousand Three Hundred FiftyNine Paise Twenty Only
56	Lock Ring as per the Directions of Egineer In-Charge.	Each	15.00	396.43	Three Hundred NinetySix Paise FourtyThree Only
57	Carbon Housing as per the Directions of Egineer In-Charge.	Each	15.00	2265.34	Two Thousand Two Hundred SixtyFive Paise ThirtyFour Only
58	The Carbon Housing (Thrust bearing block assembly complete with segment bearing pad as per the Directions of Egineer In-Charge.	Each	15.00	2265.34	Two Thousand Two Hundred SixtyFive Paise ThirtyFour Only
59	The Carbon Housing (Top carbond / ferrodo padding) as per the Directions of Egineer In-Charge.	Each	15.00	396.43	Three Hundred NinetySix Paise FourtyThree Only
60	Stud and Nuts as per the Directions of Egineer In-Charge.	Each	15.00	226.53	Two Hundred TwentySix Paise FiftyThree Only
61	The Gun Metal bearing, centrifugally cast Aluminium Bronze bearing bush as per the Directions of Egineer In-Charge.	Each	15.00	962.77	Nine Hundred SixtyTwo Paise SeventySeven Only
62	Circlips as per the Directions of Egineer In-Charge.	Each	15.00	226.53	Two Hundred TwentySix Paise FiftyThree Only
63	Motor base with pin as per the Directions of Egineer In-Charge.	Each	15.00	566.34	Five Hundred SixtySix Paise ThirtyFour Only
64	Transportotion of pumping machineries as per the Directions of Egineer In-Charge.	Each	15.00	1699.01	One Thousand Six Hundred NinetyNine Paise One Only
65	Labour charges Over hauling only) Motar as per the Directions of Egineer In-Charge.	Each	15.00	3398.01	Three Thousand Three Hundred NinetyEight Paise One Only
66	Labour charges for Lifting of non functioning submersible pump set along with cable and GI pipes (Each length = 6m)). for 50 mm as per the Directions of Egineer In-Charge.	Job	525.00	259.38	Two Hundred FiftyNine Paise ThirtyEight Only
67	Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm), cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (Each length = 6 m)as per the Directions of Egineer In-Charge.	Job	525.00	211.81	Two Hundred Eleven Paise EightyOne Only

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68	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 4.0Sqm as per the Directions of Egineer In-Charge.	Rmtr	600.00	252.28	Two Hundred FiftyTwo Paise TwentyEight Only
69	Water hose (pressure hose) as per the Directions of Egineer In-Charge.	Rmtr	1000.00	257.43	Two Hundred FiftySeven Paise FourtyThree Only
70	Fabricating supplying and mounting MS box made out 14SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete., as per the Directions of Egineer In-Charge. 1200x850x2=2040000, 850x350x2=595000, (350+450)/2=400, 400x1200=480000, 480000x2=960000, 3595000/100=35950Sqcm	Sqm	970650.00	0.51	Paise FiftyOne Only
71	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm as per the Directions of Egineer In-Charge. (Per leg 2. 5MtrX2 Nos legs)-5.00 Mtr Per Box	Rmtr	140.00	314.06	Three Hundred Fourteen Paise Six Only
72	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5" (as per the Directions of Egineer In-Charge.	Each	25.00	335.82	Three Hundred ThirtyFive Paise EightyTwo Only
73	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 as per the Directions of Egineer In-Charge.	Each	25.00	3179.71	Three Thousand One Hundred SeventyNine Paise SeventyOne Only
74	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers as per the Directions of Egineer In-Charge.	Each	25.00	412.91	Four Hundred Twelve Paise NinetyOne Only
75	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia as per the Directions of Egineer In-Charge.	Nos	25.00	3614.25	Three Thousand Six Hundred Fourteen Paise TwentyFive Only
76	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia as per the Directions of Egineer In-Charge.	Rmtr	500.00	500.64	Five Hundred Paise SixtyFour Only

	Description of Work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.PRADEEPA K A	
				Rate	Rate in words
	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1 No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type NOTE: 1) DOL- Direct Online Starter 2) S-D- Star Delta Starter etc. complete.6 to 15 HP pumps as per the Directions of Egineer In-Charge.	Each	20.00	18009.45	Eighteen Thousand Nine Paise FourtyFive Only
78	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia as per the Directions of Egineer In-Charge.	Each	20.00	1415.84	One Thousand Four Hundred Fifteen Paise EightyFour Only
79	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	20.00	302.42	Three Hundred Two Paise FourtyTwo Only
80	Supply and delivery at site wrought middle steel (galvanized) GI elbow confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Egineer In-Charge.	Each	20.00	302.42	Three Hundred Two Paise FourtyTwo Only
81	Supply and delivery at site wrought middle steel (galvanized) GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI hexagonal nipple as per the Directions of Egineer In-Charge.	Each	20.00	241.26	Two Hundred FourtyOne Paise TwentySix Only
82	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI collar as per the Directions of Egineer In-Charge.	Nos	198.00	302.42	Three Hundred Two Paise FourtyTwo Only
83	Re-drilling of filled-up borewell, including yield test at final depth as per the Directions of Egineer In-Charge.	Mtr	275.00	502.91	Five Hundred Two Paise NinetyOne Only
84	Logging / scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc as per the Directions of Egineer In-Charge.	Each	10.00	4161.43	Four Thousand One Hundred SixtyOne Paise FourtyThree Only
85	Lifting of struck up Submersible Pump set, upto 300 ft as per the Directions of Egineer In-Charge.	Job	15.00	7708.95	Seven Thousand Seven Hundred Eight Paise NinetyFive Only
86	Cutting and threading G.I. pipes for pump fitting, public fountains with appurtenances., where the length of pipe laid is less than 6 metres Pipes of dia 32mm to 80mm as per the Directions of Egineer In-Charge.	Each	247.00	364.72	Three Hundred SixtyFour Paise SeventyTwo Only
87	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. In all kinds of soils. Depth upto 1.50m as per the Directions of Egineer In-Charge.	Cum	356.40	548.21	Five Hundred FourtyEight Paise TwentyOne Only

	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.PRADEEPA K A	
				Rate	Rate in words
	Providing PVC ringtite pipes conforming to IS 985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For: PVC pipes 50mm dia., 6 kg/sqcm & class 5 as per the Directions of Egineer In-Charge.	Mtr	792.00	104.00	One Hundred Four Only
89	Providing PVC ringtite pipes conforming to IS 985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For: PVC pipes 63mm dia., 6 kg/sqcm & class 3	Mtr	200.00	165.78	One Hundred SixtyFive Paise SeventyEight Only
90	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications as per the Directions of Egineer In-Charge.	Cum	285.12	164.75	One Hundred SixtyFour Paise SeventyFive Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.